

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	434/1/004
First Inventor	Joon Keun LEE et al
Title	OPTICAL FIBER DRAWING ...
Express Mail Label No.	EU648903496US

USPTO  
10/657627  
09/08/03**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 17]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
5. Oath or Declaration [Total Sheets 2]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
name in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76
7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  Paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17.  Other: .....

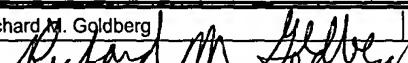
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation       Divisional       Continuation-in-part (CIP)      of prior application No.: .....

Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_  
 For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
 The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**
 Customer Number: 170      OR       Correspondence address below

Name	Richard M. Goldberg		
Address	25 East Salem Street Suite 419		
City	Hackensack	State	NJ
Country	US	Telephone	(201) 343-7775
Telephone	(201) 488-3884		

Name (Print/Type)	Richard M. Goldberg	Registration No. (Attorney/Agent)	28,215
Signature			
Date	SEPT. 8, 2003		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL

## for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 790.00)

## Compl. if Known

Application Number	
Filing Date	September 8, 2003
First Named Inventor	Joon Keun LEE et al
Examiner Name	
Art Unit	
Attorney Docket No.	434/1/004

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

 Deposit Account:

Deposit Account Number	07-1524
Deposit Account Name	Richard M. Goldberg

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
1051	130	2051 65 Surcharge - late filing fee or oath	
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	
1053	130	1053 130 Non-English specification	
1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
1251	110	2251 55 Extension for reply within first month	
1252	410	2252 205 Extension for reply within second month	
1253	930	2253 465 Extension for reply within third month	
1254	1,450	2254 725 Extension for reply within fourth month	
1255	1,970	2255 985 Extension for reply within fifth month	
1401	320	2401 160 Notice of Appeal	
1402	320	2402 160 Filing a brief in support of an appeal	
1403	280	2403 140 Request for oral hearing	
1451	1,510	1451 1,510 Petition to institute a public use proceeding	
1452	110	2452 55 Petition to revive - unavoidable	
1453	1,300	2453 650 Petition to revive - unintentional	
1501	1,300	2501 650 Utility issue fee (or reissue)	
1502	470	2502 235 Design issue fee	
1503	630	2503 315 Plant issue fee	
1460	130	1460 130 Petitions to the Commissioner	
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806 180 Submission of Information Disclosure Stmt	
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	40
1809	750	2809 375 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810 375 For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801 375 Request for Continued Examination (RCE)	
1802	900	1802 900 Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40)

\*\*or number previously paid, if greater; For Reissues, see above

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Richard M. Goldberg	Registration No. (Attorney/Agent)	28,215	Telephone (201) 343-7775
Signature	Richard M. Goldberg			
	Date SEPT. 8, 2003			

WARNING: Information in this form may become public. Credit card information should not be included in this form. Provide credit card information and authorization in PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

# GOLDBERG PATENT LAW OFFICE

25 EAST SALEM STREET  
SUITE 419  
HACKENSACK, NEW JERSEY 07601 U.S.A.

(201) 343-7775

FACSIMILE (201) 488-3884

PATENT, TRADEMARK AND  
COPYRIGHT CAUSES

MEMBER NEW JERSEY AND  
NEW YORK BARS

September 8, 2003

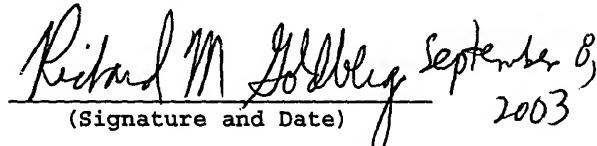
Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: New U.S. Patent Application  
Applicants: Joon Keun LEE et al  
Assignee : LG Cable Ltd.  
Title : OPTICAL FIBER DRAWING APPARATUS FOR  
DECREASING AN OPTICAL FIBER BREAK  
AND IMPRESSING A SPIN TO AN OPTICAL  
FIBER  
Our File : 434/1/004

#### Certificate of Mailing By Express Mail Under 37 CFR 1.10

Express Mail "Mailing Label No.": EU648903496US  
Date of Deposit : SEPTEMBER 8, 2003  
I hereby certify that this paper and/or fee is being deposited with  
the United States Postal Service "Express Mail Post Office to  
Addressee" service under 37 C.F.R. 1.10 on the date indicated above  
and is addressed to Mail Stop Patent Application, COMMISSIONER FOR  
PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450 on  
SEPTEMBER 8, 2003.

Richard M. Goldberg  
(Name of Registered Representative)  
and person signing

  
Richard M. Goldberg September 8, 2003  
(Signature and Date)

Dear Sirs:

Transmitted herewith for filing in the U.S. Patent and  
Trademark Office is a new U.S. patent application including:

- (a) FORM PTO/SB/05 (03-01) - Utility Patent Application  
Transmittal;
- (b) FORM PTO/SB/17 (01-03) - Fee Transmittal, with  
authorization to charge the amount of \$790.00 to

Assistant Commissioner for Patents  
September 8, 2003  
Page 2

Deposit Account No. 07-1524 for the filing fee  
(\$750.00) and the Assignment recordal fee (\$40.00);

- (c) Application of seventeen (17) pages, with nine (9) claims;
- (d) Eight (8) sheets of formal drawings (Figs. 1-6b);
- (e) Application Data Sheet;
- (f) Declaration and Power of Attorney;
- (g) Assignment and Recordation Form Cover Sheet;
- (h) Preliminary Amendment, Replacement Sheets for Figs. 4A, 4B, 6A and 6B and Annotated Sheets Showing Changes for same;
- (i) Application Data Sheet; and
- (j) Information Disclosure Statement, one Form PTO/SB/08A and two (2) references.

**Applicants DO NOT qualify for Small Entity Status.**

The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1524.

Respectfully submitted,

  
Richard M. Goldberg  
Registration No. 28,215

RMG:mz  
enclosures

**GOLDBERG PATENT LAW OFFICE**